


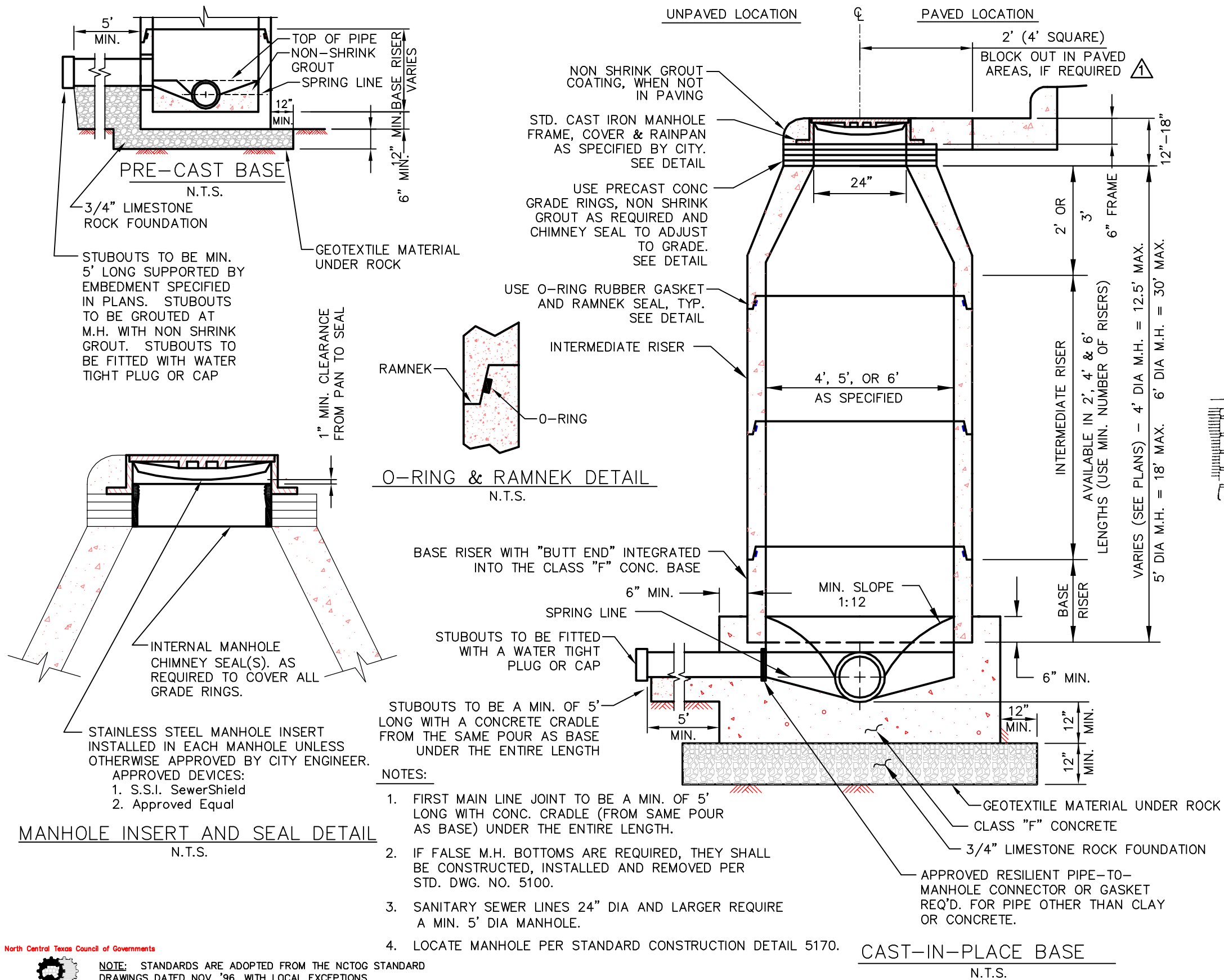
NOTE:
THIS DETAIL FOR USE ONLY WHEN NEW MAIN
WILL NOT MATE WITH EXISTING MAIN JOINT DUE
TO DIFFERENT DIMENSIONS OR MATERIALS AND A
MANHOLE IS NOT REQUIRED.

North Central Texas Council of Governments



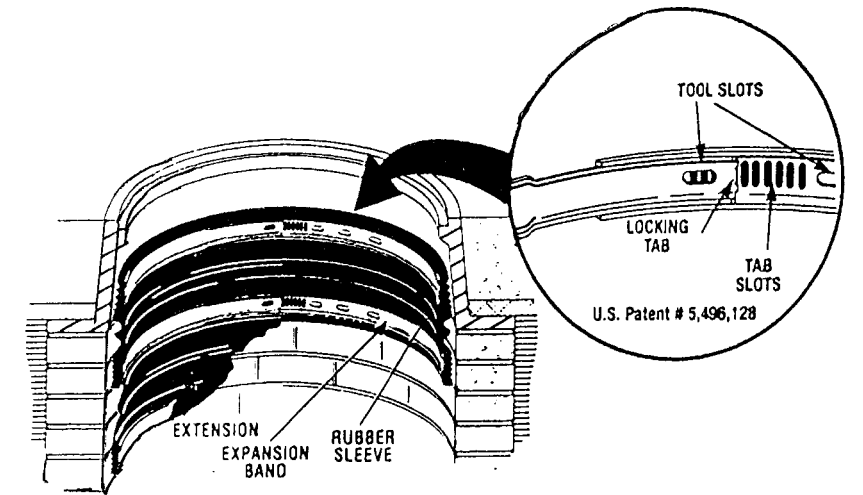
NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD
DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

					STANDARD CONSTRUCTION DETAILS	STD. SPEC. REFERENCE 501., 502., 702.
					SANITARY SEWER MAIN TIE-IN AT CLEANOUT OR STUBOUT	
NO.	LOCAL EXCEPTION	BY	DATE			CITY OF COPPELL DALLAS COUNTY, TEXAS



INTERNAL MANHOLE CHIMNEY SEAL REQUIRED METHOD

COMPRESSION BAND
One piece uneven-legged channeled compression band, fabricated from corrosion resistant 16 ga. stainless steel conforming to ASTM A-240 (AISI type 304). The band shall compress the rubber sleeve against the inside surface of the manhole frame and chimney and allow a minimum range of adjustment of 2" on the diameter.



RUBBER SLEEVE
The rubber chimney seal sleeve shall be furnished in either 8-1/4" or 10" width to suit manhole conditions. Extension sleeves shall be used as required. Material physical characteristics shall conform to ASTM C-923, as modified, with a minimum thickness of 3/16".

EXTERNAL MANHOLE CHIMNEY SEAL USE ONLY WITH CITY APPROVAL

PHYSICAL PROPERTIES:

Tensile Strength.....	1200 psi
Elongation at Break.....	350% minimum
Hardness (Durometer).....	45 ± 5
Accelerated Oven Aging.....	Max. 15% decrease of tensile, 20% of elongation
Chemical Resistance.....	No weight loss in 1M of sulphuric acid
Compression Set.....	25% max. decrease
Water Absorption.....	Max. 10% increase by weight
Ozone Resistance.....	Rating 0
Low Temperature Brittle Point.....	No fracture at -40°C
Tear Resistance.....	200 lb. f/in.
Splice Strength.....	180 bend with no visible separation

MANHOLE INSERT AND SEAL DETAIL N.T.S.

NOTES:

- FIRST MAIN LINE JOINT TO BE A MIN. OF 5' LONG WITH CONC. CRADLE (FROM SAME POUR AS BASE) UNDER THE ENTIRE LENGTH.
- IF FALSE M.H. BOTTOMS ARE REQUIRED, THEY SHALL BE CONSTRUCTED, INSTALLED AND REMOVED PER STD. DWG. NO. 5100.
- SANITARY SEWER LINES 24" DIA AND LARGER REQUIRE A MIN. 5' DIA MANHOLE.
- LOCATE MANHOLE PER STANDARD CONSTRUCTION DETAIL 5170.

NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

CAST-IN-PLACE BASE N.T.S.



STANDARD CONSTRUCTION DETAILS

SANITARY SEWER
MANHOLE: PRE-CAST

CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC.
REFERENCE
501., 502., 702.
STANDARD DETAIL
5020

FRAME CAST IN CONCRETE

REQUIRED METHOD

One piece uneven-legged channeled compression band, fabricated from corrosion resistant 16 ga. stainless steel conforming to ASTM A-240 (AISI type 304). The band shall compress the rubber sleeve against the inside surface of the manhole frame and chimney and allow a minimum range of adjustment of 2" on the diameter.

U.S. Patent # 5,496,128

The rubber chimney seal sleeve shall be furnished in either 8- $\frac{1}{4}$ " or 10" width to suit manhole conditions. Extension sleeves shall be used as required. Material physical characteristics shall conform to ASTM C-923, as modified, with a minimum thickness of $\frac{3}{16}$ ".

USE ONLY WITH CITY APPROVAL

PHYSICAL PROPERTIES:

Tensile Strength.....1200 psi
Elongation at Break.....350% minimum
Hardness (Durometer).....45 \pm 5
Accelerated Oven Aging.....Max. 15% decrease of tensile, 20% of elongation
Chemical Resistance.....No weight loss in 1M of sulphuric acid
Compression Set.....25% max. decrease
Water Absorption.....Max. 10% increase by weight
Ozone Resistance.....Rating 0
Low Temperature Brittle Point.No fracture at -40°C
Tear Resistance.....200 lb. f/in.
Splice Strength.....180 bend with no visible separation

1" MIN. CLEARANCE
FROM PAN TO SEAL

1. WHERE M.H.'S ARE IN "PROPOSED" PAVING, FRAME & COVER SHALL BE SET 23" BELOW THE PROPOSED PAVEMENT GRADE.
2. IF FALSE M.H. BOTTOMS ARE REQUIRED THEY SHALL BE CONSTRUCTED, INSTALLED AND REMOVED. PER CONSTRUCTION STANDARD 5100.
3. SANITARY SEWER LINES 24" DIA AND LARGER REQUIRE A MIN. 5' DIA MANHOLE.
4. LOCATE MANHOLE PER STANDARD CONSTRUCTION DETAIL 5170.

N.T.S.

N.T.S.

—STUBOUTS TO BE FITTED
WITH A WATER TIGHT
PLUG OR CAP

— STUBOUTS TO BE A MIN. OF 5'
LONG WITH A CONCRETE CRADLE
FROM THE SAME POUR AS BASE
UNDER THE ENTIRE LENGTH

- STAINLESS STEEL MANHOLE INSERT
INSTALLED IN EACH MANHOLE UNLESS
OTHERWISE APPROVED BY CITY ENGINEER.

APPROVED DEVICES:
1. S.S.I. SewerShield
2. Approved Equal

NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

North Central Texas Council of Governments



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1	ADD "IF REQUIRED" TO BLOCK OUT DIMENSION.
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NO.	LOCAL EXCEPTION
-----	-----------------

SWL	JUL. '06
BY	DATE



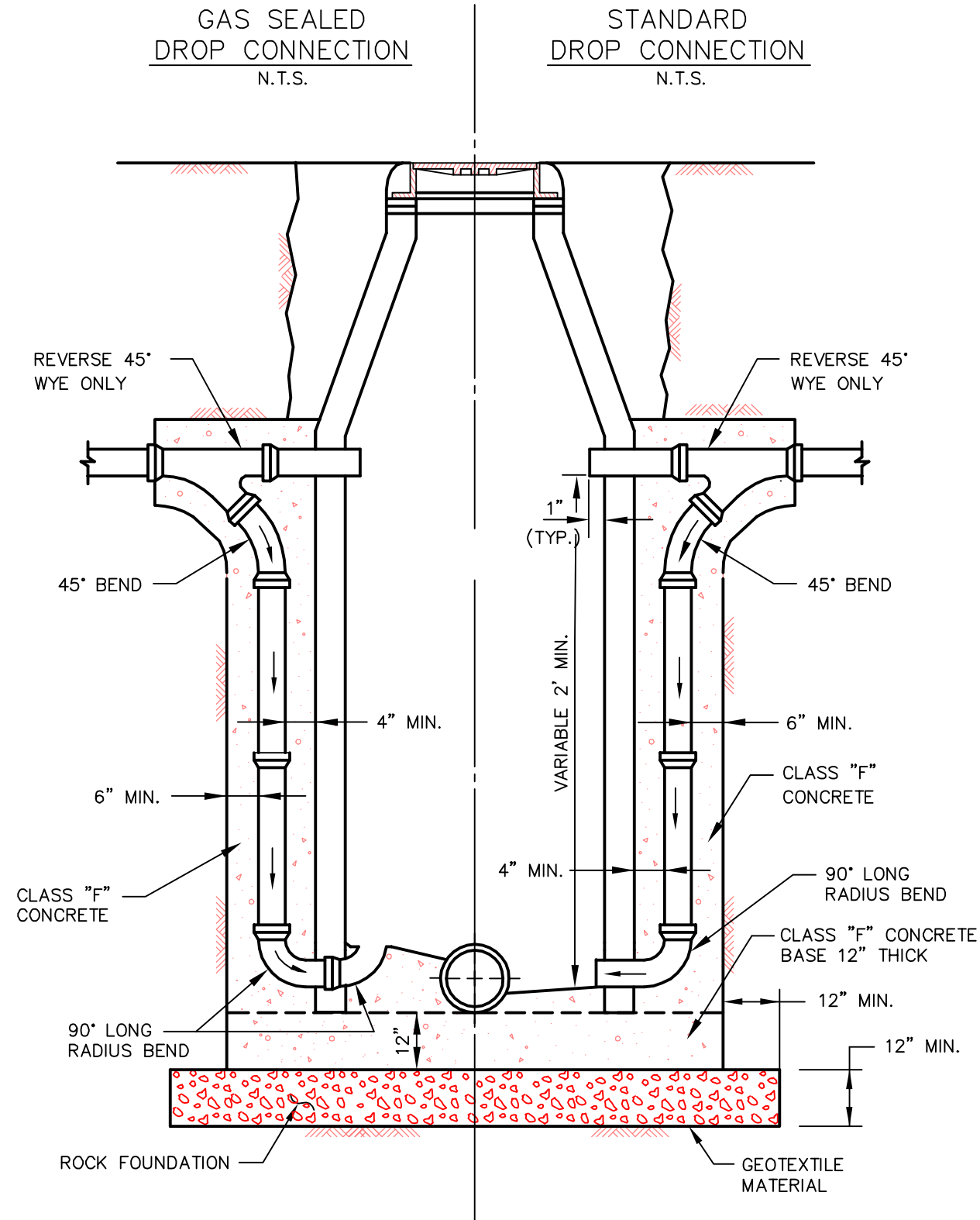
**SANITARY SEWER
MANHOLE: CAST-IN-PLACE**

CITY OF COPPELL DALLAS COUNTY, TEXAS

<p>STD. SPEC. REFERENCE</p> <p>501., 502., 702.</p> <hr/> <p>STANDARD DETAIL</p> <p>5030</p>

PATH: S:\Standard_Details\New_Dets_modified\SDCoppel2005.dwg

- NOTE:**
1. PIPE MATERIAL SHALL BE SDR 35 P.V.C . UNLESS OTHERWISE SPECIFIED.
 2. DROP CONNECTION MANHOLE MAY BE USED ONLY WITH APPROVAL OF THE CITY ENGINEER.



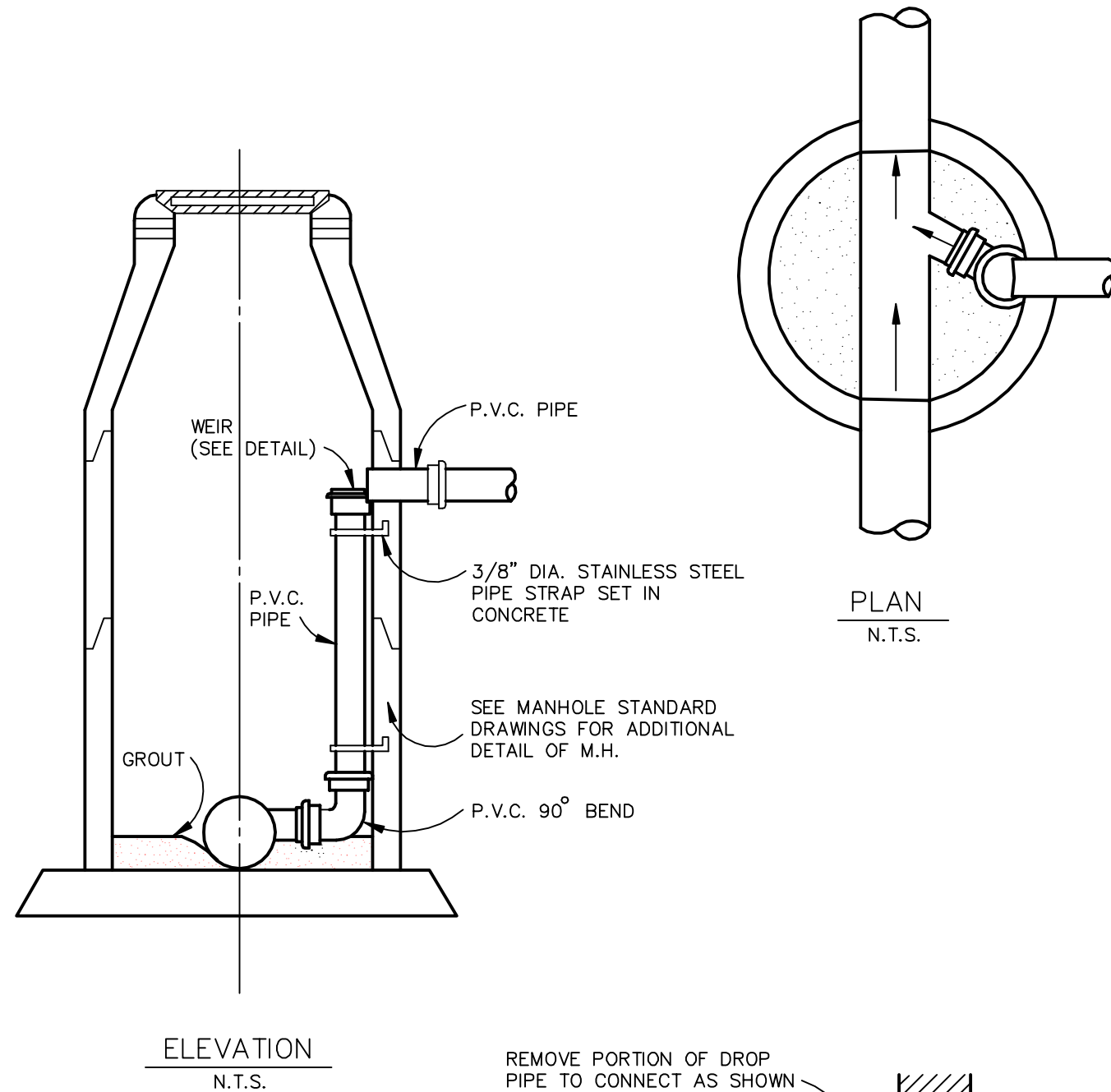
North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

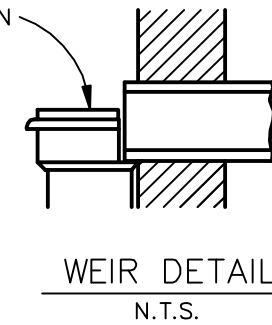
					STANDARD CONSTRUCTION DETAILS		STD. SPEC. REFERENCE 501., 502., 702.
					SANITARY SEWER		
					MANHOLE: OUTSIDE DROP CONNECTIONS		STANDARD DETAIL 5070
					CITY OF COPPELL DALLAS COUNTY, TEXAS		
NO.	LOCAL EXCEPTION		BY		DATE		

PATH: s:\Standard_Details\New_Details\modified\SDCoppel2005.dwg



- NOTE:**
1. FLOW LINE OF SURCHARGE LINE NORMALLY PLACED AT TOP OF EXISTING SANITARY SEWER LINE UNLESS NOTED OTHERWISE ON PLANS.
 2. DROP CONNECTION MANHOLE MAY BE USED ONLY WITH APPROVAL OF THE CITY ENGINEER.


REMOVE PORTION OF DROP PIPE TO CONNECT AS SHOWN

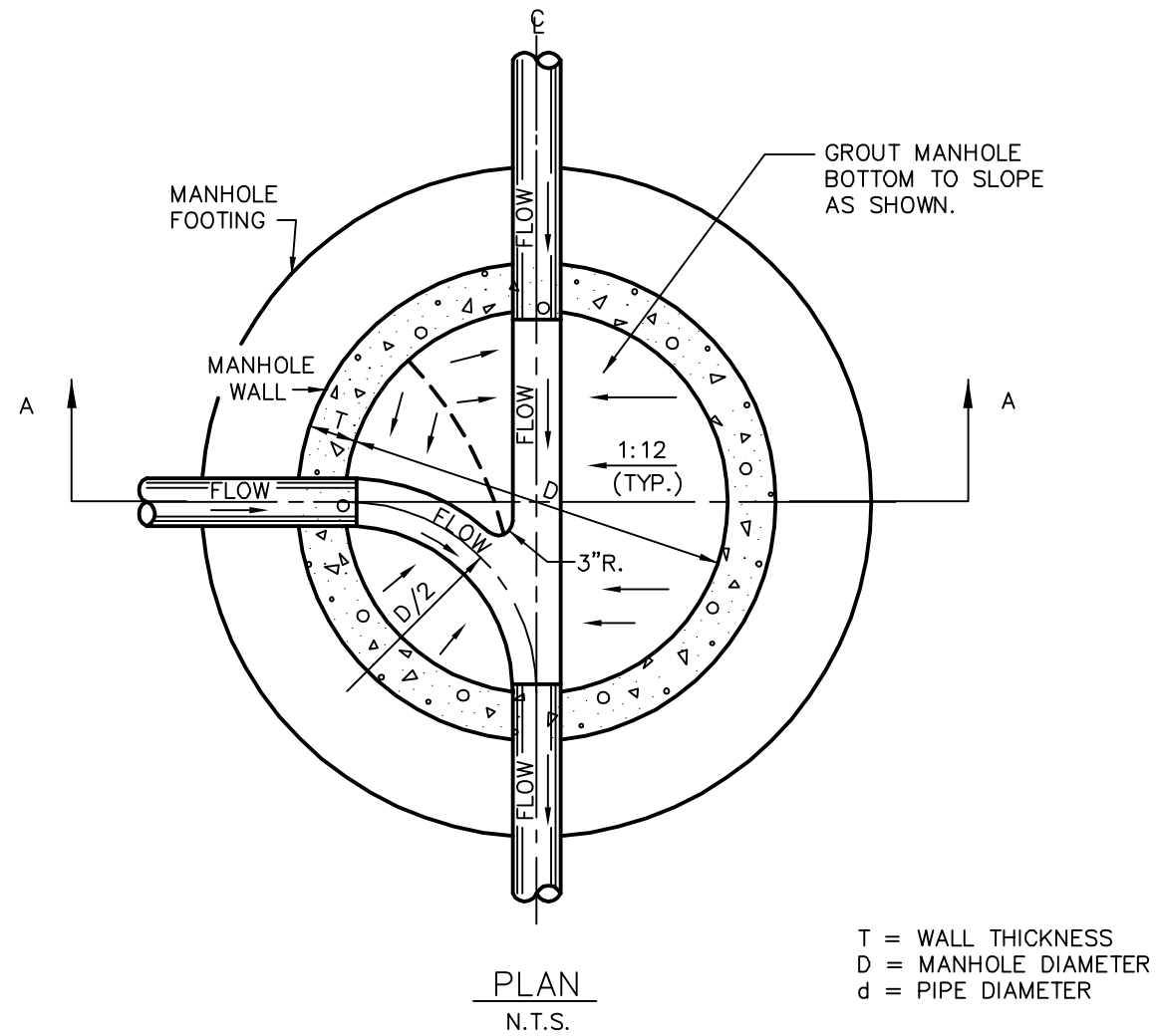


North Central Texas Council of Governments

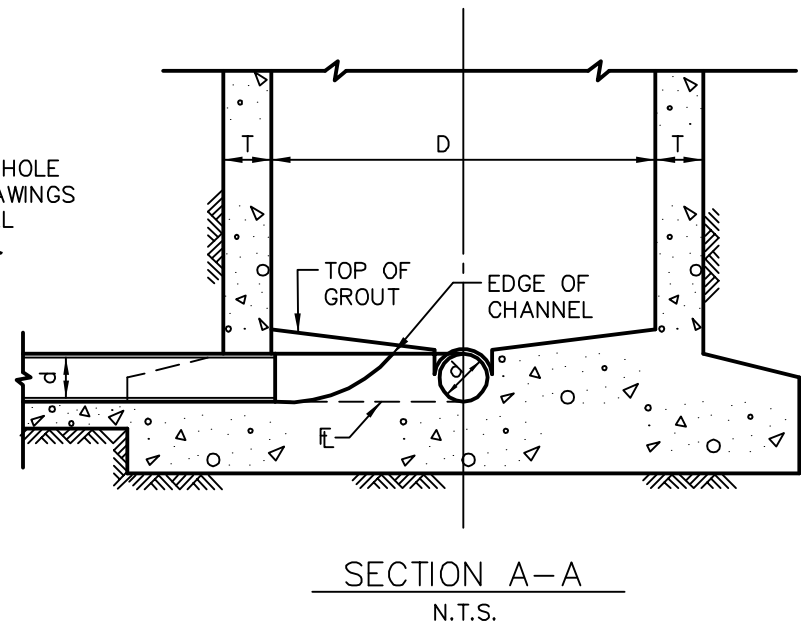


NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

					STANDARD CONSTRUCTION DETAILS		STD. SPEC. REFERENCE 501., 502.
					SANITARY SEWER		
					MANHOLE: INSIDE DROP CONNECTION		STANDARD DETAIL 5080
					CITY OF COPPELL DALLAS COUNTY, TEXAS		
NO.	LOCAL EXCEPTION		BY		DATE		



NOTE:
REFER TO MANHOLE
STANDARD DRAWINGS
FOR ADDITIONAL
DETAIL OF M.H.




North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD
DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

PATH: S:\Standard_Details\New_Dets_modified\SDCoppel2005.dwg

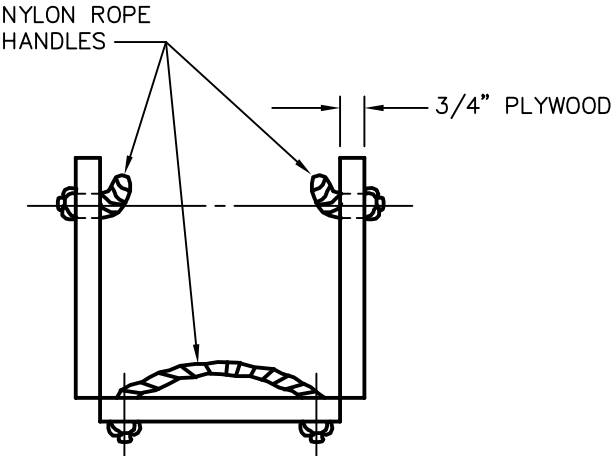
					STANDARD CONSTRUCTION DETAILS	STD. SPEC. REFERENCE 303., 502.
					SANITARY SEWER MANHOLE: LINE INTERSECTION	
NO.	LOCAL EXCEPTION	BY	DATE		CITY OF COPPELL DALLAS COUNTY, TEXAS	

INSTALLATION

FALSE MANHOLE BOTTOM SHALL BE FURNISHED AND INSTALLED IN ALL MANHOLES CONSTRUCTED IN ADVANCE OF PAVING. THESE FALSE MANHOLE BOTTOMS WILL BE INSTALLED AT A TIME DIRECTED BY THE ENGINEER BUT WILL USUALLY BE AFTER ALL WORK IS COMPLETED ON THE WASTEWATER SYSTEM INCLUDING THE AIR TEST, BUT PRIOR TO THE FINAL INSPECTION.

REMOVAL

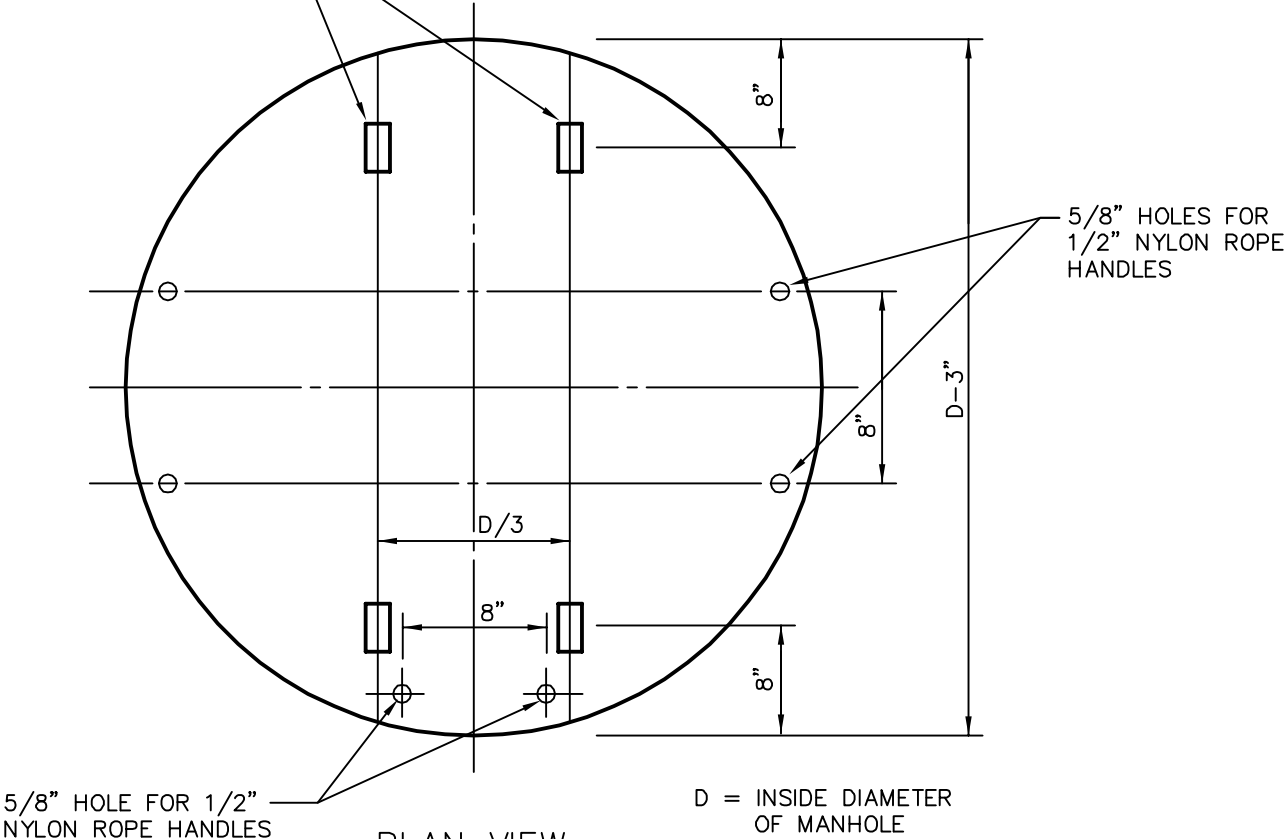
FALSE MANHOLE BOTTOM SHALL BE REMOVED AFTER THE FINAL APPURTENANCE ADJUSTMENT INSPECTION. THE PAVING CONTRACTOR AND OWNER'S REPRESENTATIVE WILL COORDINATE THE REMOVAL OF THE FALSE MANHOLE BOTTOMS.



METAL STRAP HINGES
(MIN. 3" LONG) W/BOLTS

INSTALLATION AND REMOVAL POSITION

N.T.S.



5/8" HOLE FOR 1/2"
NYLON ROPE HANDLES

PLAN VIEW

N.T.S.

North Central Texas Council of Governments



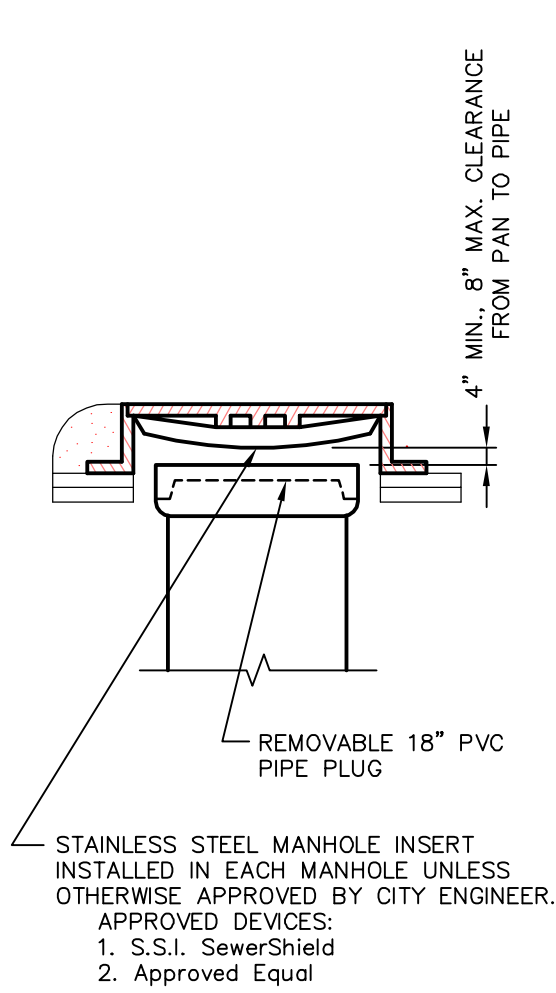
NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

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NO.	LOCAL EXCEPTION	BY	DATE

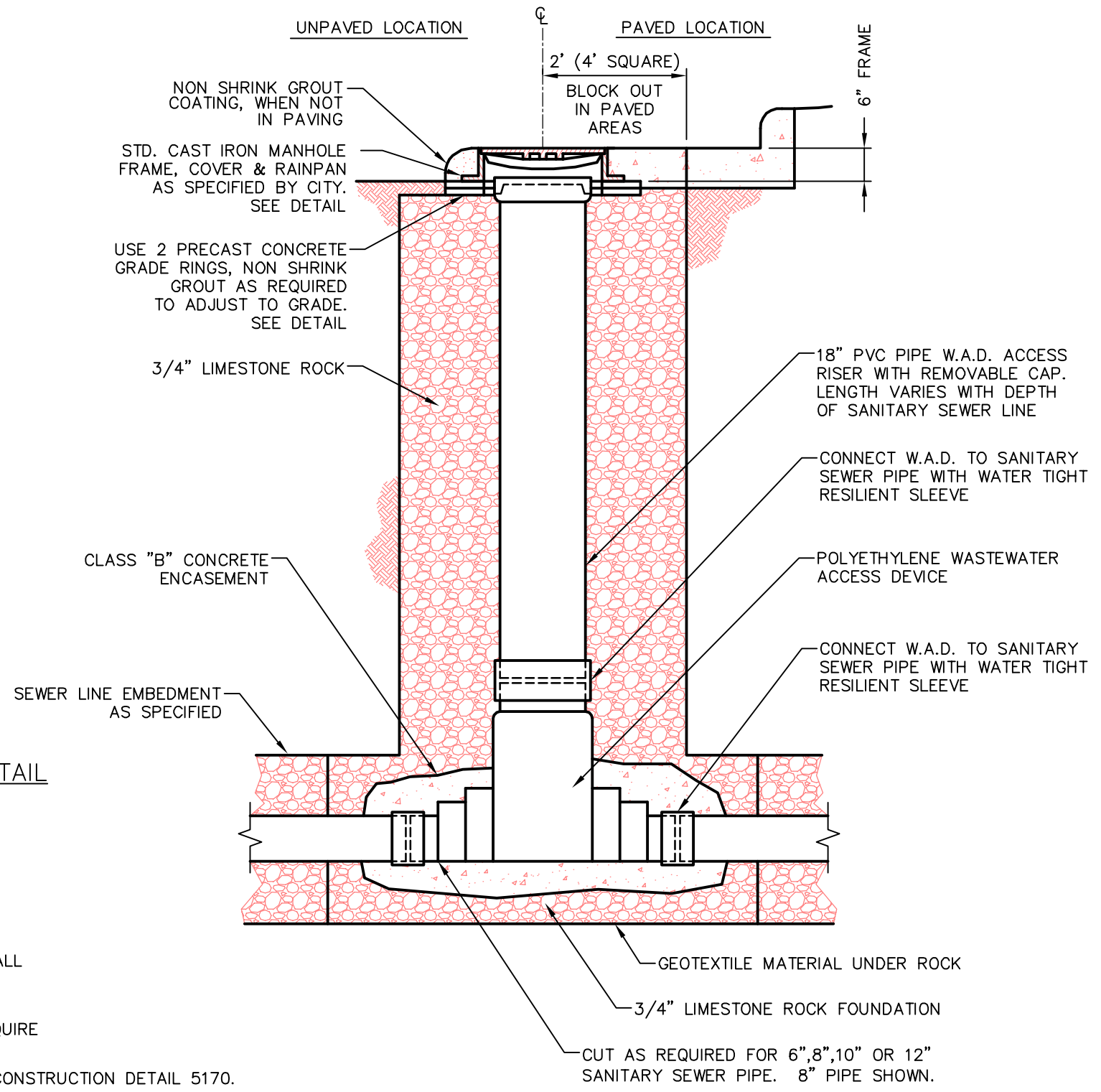


STANDARD CONSTRUCTION DETAILS		STD. SPEC. REFERENCE
SANITARY SEWER MANHOLE: FALSE BOTTOM		
CITY OF COPPELL DALLAS COUNTY, TEXAS		STANDARD DETAIL 5100



MANHOLE COVER AND W.A.D. ACCESS RISER DETAIL
N.T.S.

- NOTES:
1. FIRST MAIN LINE JOINT TO BE A MIN. OF 5' LONG WITH CONC. CRADLE (FROM SAME POUR AS BASE) UNDER THE ENTIRE LENGTH.
 2. IF FALSE M.H. BOTTOMS ARE REQUIRED, THEY SHALL BE CONSTRUCTED, INSTALLED AND REMOVED PER STD. DWG. NO. 5100.
 3. SANITARY SEWER LINES 24" DIA AND LARGER REQUIRE A MIN. 5' DIA MANHOLE.
 4. LOCATE W.A.D. MANHOLE COVER PER STANDARD CONSTRUCTION DETAIL 5170.



PROFILE VIEW
N.T.S.

North Central Texas Council of Governments

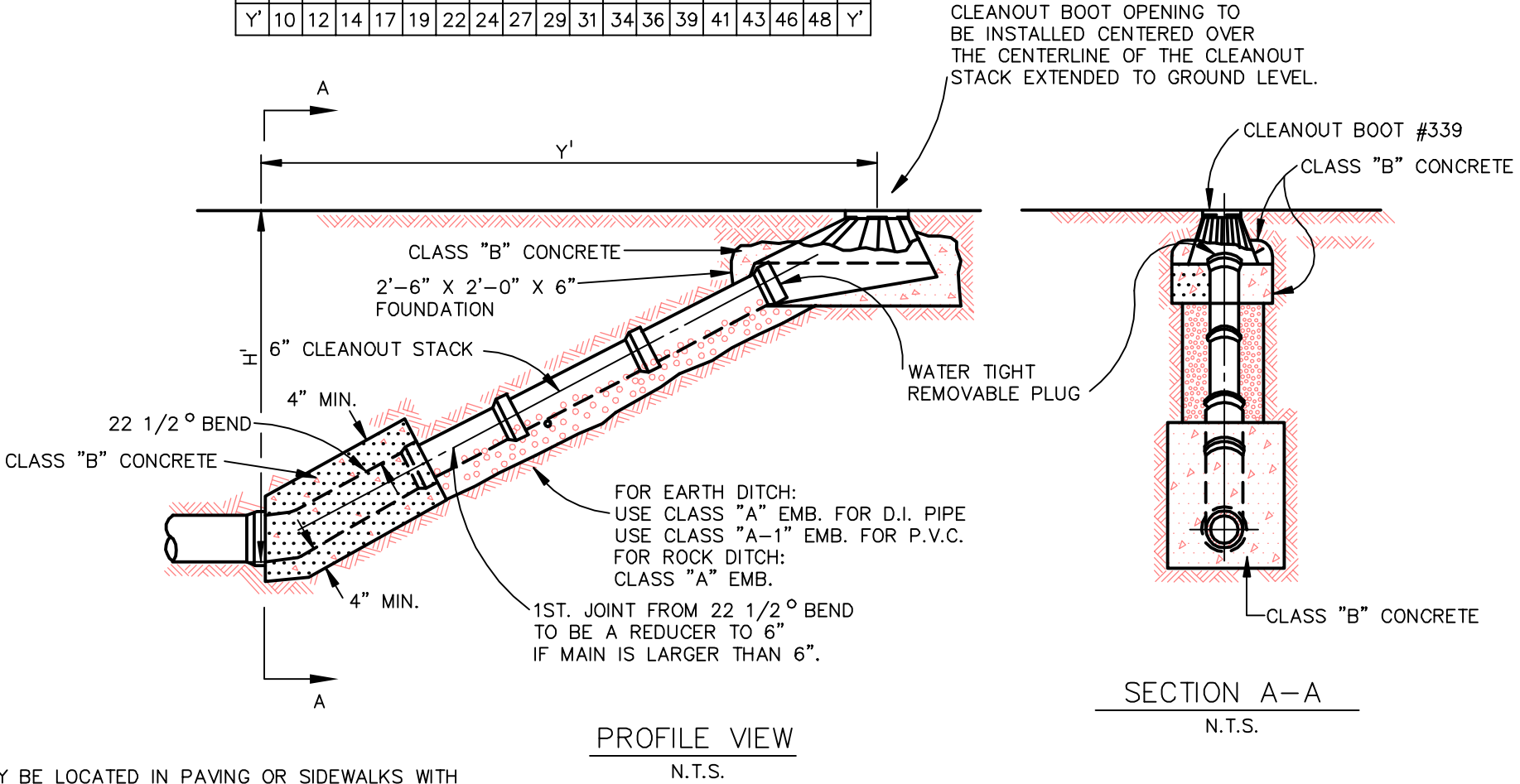


NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

PATH: S:\Standard_Details\New_Dets_modified\SDCoppel2005.dwg

					STANDARD CONSTRUCTION DETAILS		STD. SPEC. REFERENCE
					SANITARY SEWER		501., 502., 702.
					WASTEWATER ACCESS DEVICE (W.A.D.)		STANDARD DETAIL
					CITY OF COPPELL DALLAS COUNTY, TEXAS		5105
	NEW STANDARD CONSTRUCTION DETAIL.		SWL	JUL. '06			
NO.	LOCAL EXCEPTION		BY	DATE			

H'	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	H'
Y'	10	12	14	17	19	22	24	27	29	31	34	36	39	41	43	46	48	Y'



NOTES:

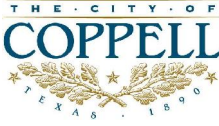
- 1. CLEANOUTS MAY BE LOCATED IN PAVING OR SIDEWALKS WITH APPROVAL OF THE CITY ENGINEER.
- 2. REFER TO THE CITY OF COPPELL WATER UTILITIES LIST OF APPROVED MATERIALS AND PRODUCTS FOR APPROVED BRANDS AND MODELS OF CLEANOUTS AND RELATED ITEMS.
- 3. IDENTIFY CLEANOUT LOCATION PER STANDARD CONSTRUCTION DETAIL 5170.

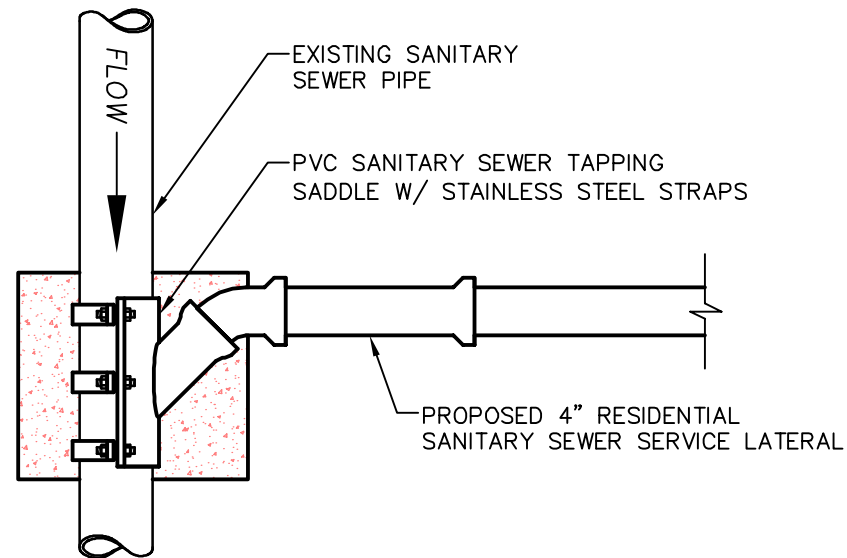
North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

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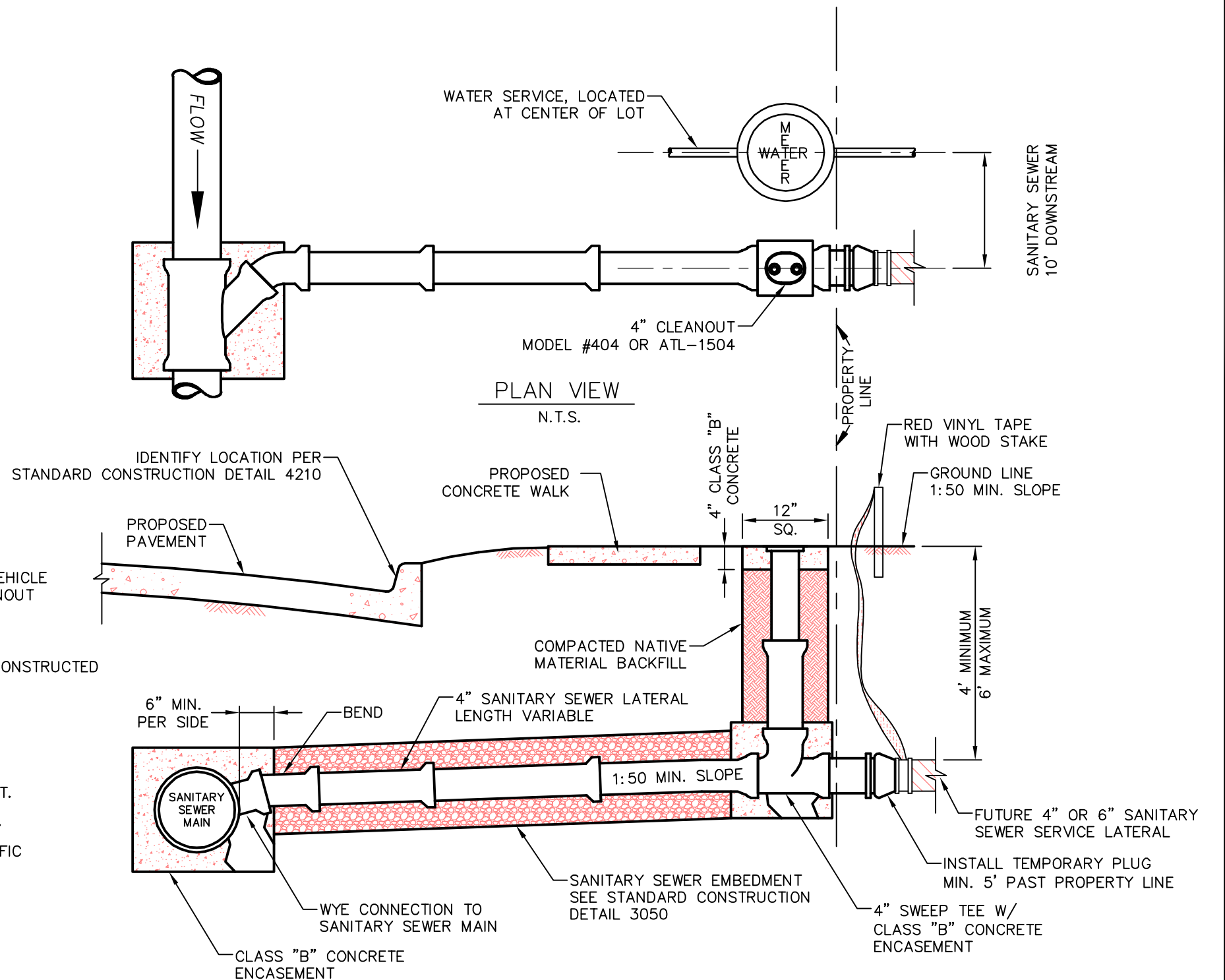
					STANDARD CONSTRUCTION DETAILS	STD. SPEC. REFERENCE 501.,502.,504.,702. STANDARD DETAIL 5110
NO.	LOCAL EXCEPTION		BY	DATE	CITY OF COPPELL DALLAS COUNTY, TEXAS	



1 PROPOSED RESIDENTIAL SERVICE CONNECTION TO EXISTING SEWER PIPE
N.T.S.

NOTES:

1. CLEANOUT CASTING TO BE FURNISHED AND PLACED PER SPECIAL CONDITIONS. IN VEHICLE TRAFFIC AREAS AND FOR COMMERCIAL MAINLINE LATERALS, SANITARY SEWER CLEANOUT SHALL BE OF CAST IRON.
2. SLOPE OF LATERAL TO BE 1:50 MINIMUM UNLESS INSTRUCTED OTHERWISE BY CITY.
3. THE SANITARY SEWER LATERAL SHALL BE CONNECTED TO BUILDING LATERAL AND CONSTRUCTED IN SUCH MANNER AS TO CLEAR EXISTING UTILITIES AND PROPOSED FACILITIES SUCH AS STORM SEWER MAINS, PAVING, SIDEWALKS, RETAINING WALLS, ETC. VERTICAL BENDS (22.5° MAX.) MAY BE USED IF APPROVED BY CITY.
4. THE MAINLINE LATERAL CONNECTION TO THE PRIVATE BUILDING LATERAL SHALL BE AS CLOSE TO THE PROPERTY LINE AS POSSIBLE.
5. INSTALL TEMPORARY PLUG AT PROPERTY LINE IF BUILDING LATERAL DOES NOT EXIST.
6. SUBSTITUTE 4" FOR 6" FITTINGS IF PLANS OR SPEC. COND. CALL FOR 4" LATERALS.
7. THE CLEANOUT STACK & CASTING MAY BE PLACED IN THE PARKWAY, VEHICLE TRAFFIC AREAS OR SIDEWALK, IF NECESSARY.
8. "STANDARD" SERVICE CONNECTIONS APPLY WHEN TRENCH IS LESS THAN 7' DEEP.
9. "DEEP" SERVICE CONNECTIONS APPLY WHEN TRENCH IS MORE THAN 7' DEEP.
10. DESIGN OF SERVICE LATERALS LARGER THAN 6" DIA. SHALL BE REVIEWED ON A PROJECT SPECIFIC BASIS.
11. IDENTIFY CLEANOUT LOCATION PER STANDARD CONSTRUCTION DETAIL 5170.
12. ALL SANITARY SEWER PIPE IN THE PUBLIC R.O.W. OR EASEMENT MUST BE GREEN IN COLOR.



SANITARY SEWER LATERAL—STANDARD CONNECTION
N.T.S.

North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

NO.	ADD RESIDENTIAL SERVICE DETAIL.	LOCAL EXCEPTION	SWL	JUL. '06	DATE
			BY		

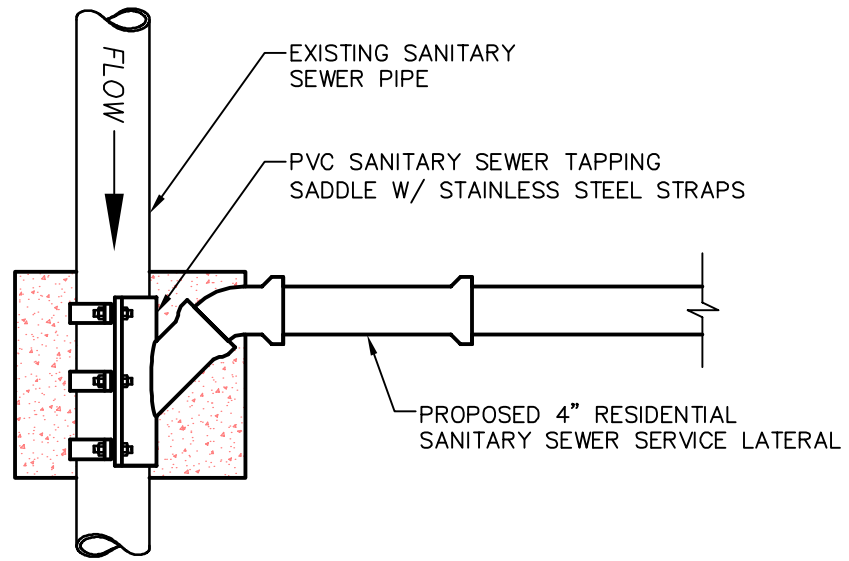


STANDARD CONSTRUCTION DETAILS

SANITARY SEWER
STANDARD SERVICE CONNECTION

CITY OF COPPELL DALLAS COUNTY, TEXAS

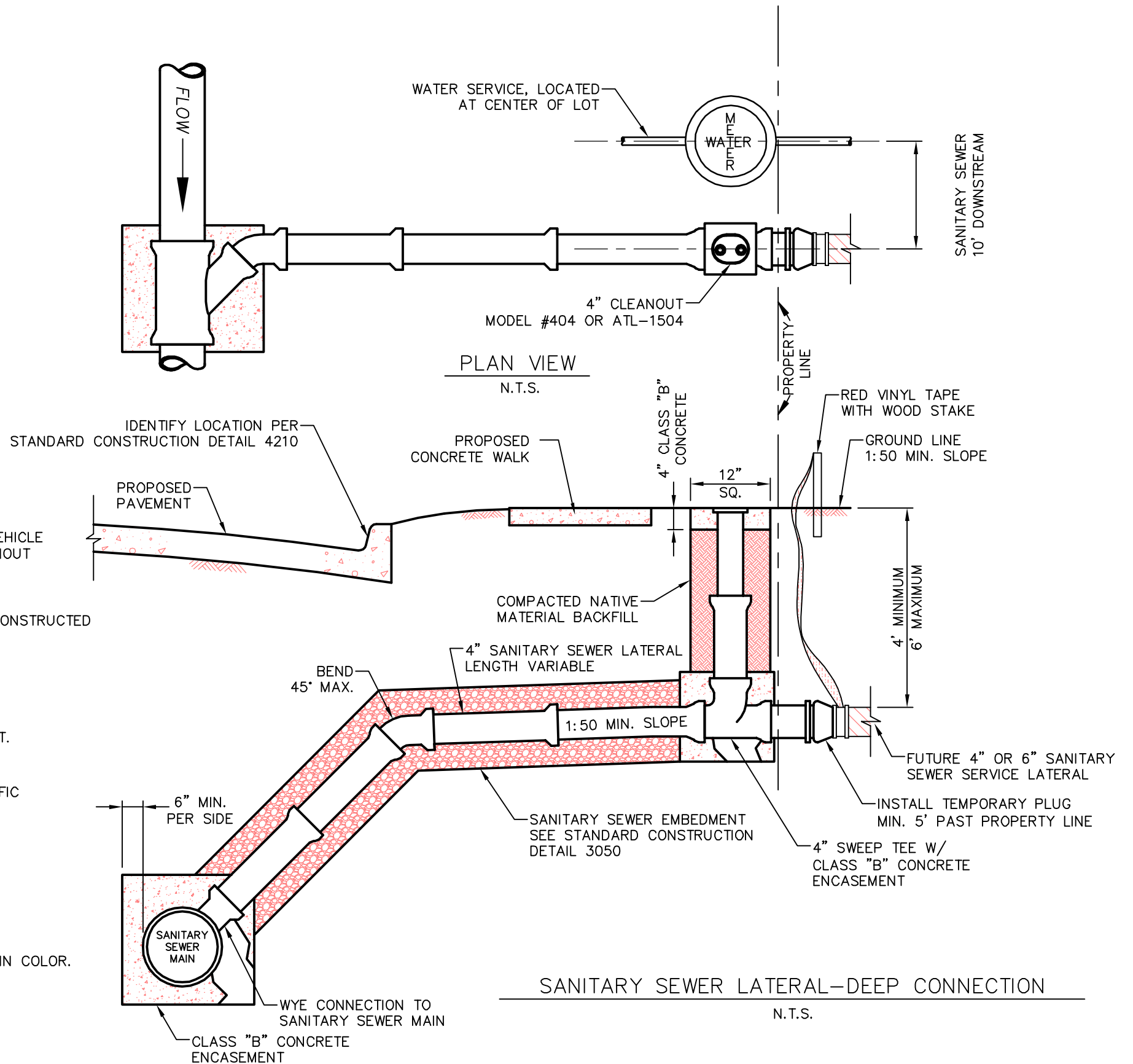
STD. SPEC. REFERENCE
501., 502., 702.
STANDARD DETAIL
5120



1 PROPOSED RESIDENTIAL SERVICE CONNECTION TO EXISTING SEWER PIPE
N.T.S.

NOTES:



1. CLEANOUT CASTING TO BE FURNISHED AND PLACED PER SPECIAL CONDITIONS. IN VEHICLE TRAFFIC AREAS AND FOR COMMERCIAL MAINLINE LATERALS, SANITARY SEWER CLEANOUT SHALL BE OF CAST IRON.
2. SLOPE OF LATERAL TO BE 1:50 MINIMUM UNLESS INSTRUCTED OTHERWISE BY CITY.
3. THE SANITARY SEWER LATERAL SHALL BE CONNECTED TO BUILDING LATERAL AND CONSTRUCTED IN SUCH MANNER AS TO CLEAR EXISTING UTILITIES AND PROPOSED FACILITIES SUCH AS STORM SEWER MAINS, PAVING, SIDEWALKS, RETAINING WALLS, ETC. VERTICAL BENDS (22.5' MAX.) MAY BE USED IF APPROVED BY CITY.
4. THE MAINLINE LATERAL CONNECTION TO THE PRIVATE BUILDING LATERAL SHALL BE AS CLOSE TO THE PROPERTY LINE AS POSSIBLE.
5. INSTALL TEMPORARY PLUG AT PROPERTY LINE IF BUILDING LATERAL DOES NOT EXIST.
6. SUBSTITUTE 4" FOR 6" FITTINGS IF PLANS OR SPEC. COND. CALL FOR 4" LATERALS.
7. THE CLEANOUT STACK & CASTING MAY BE PLACED IN THE PARKWAY, VEHICLE TRAFFIC AREAS OR SIDEWALK, IF NECESSARY.
8. "STANDARD" SERVICE CONNECTIONS APPLY WHEN TRENCH IS LESS THAN 7' DEEP.
9. "DEEP" SERVICE CONNECTIONS APPLY WHEN TRENCH IS MORE THAN 7' DEEP.
10. DESIGN OF SERVICE LATERALS LARGER THAN 6" DIA. SHALL BE REVIEWED ON A PROJECT SPECIFIC BASIS.
11. IDENTIFY CLEANOUT LOCATION PER STANDARD CONSTRUCTION DETAIL 5170.
12. ALL SANITARY SEWER PIPE IN THE PUBLIC R.O.W. OR EASEMENT MUST BE GREEN IN COLOR.

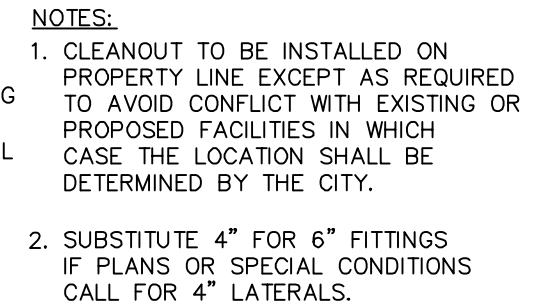


SANITARY SEWER LATERAL-DEEP CONNECTION
N.T.S.

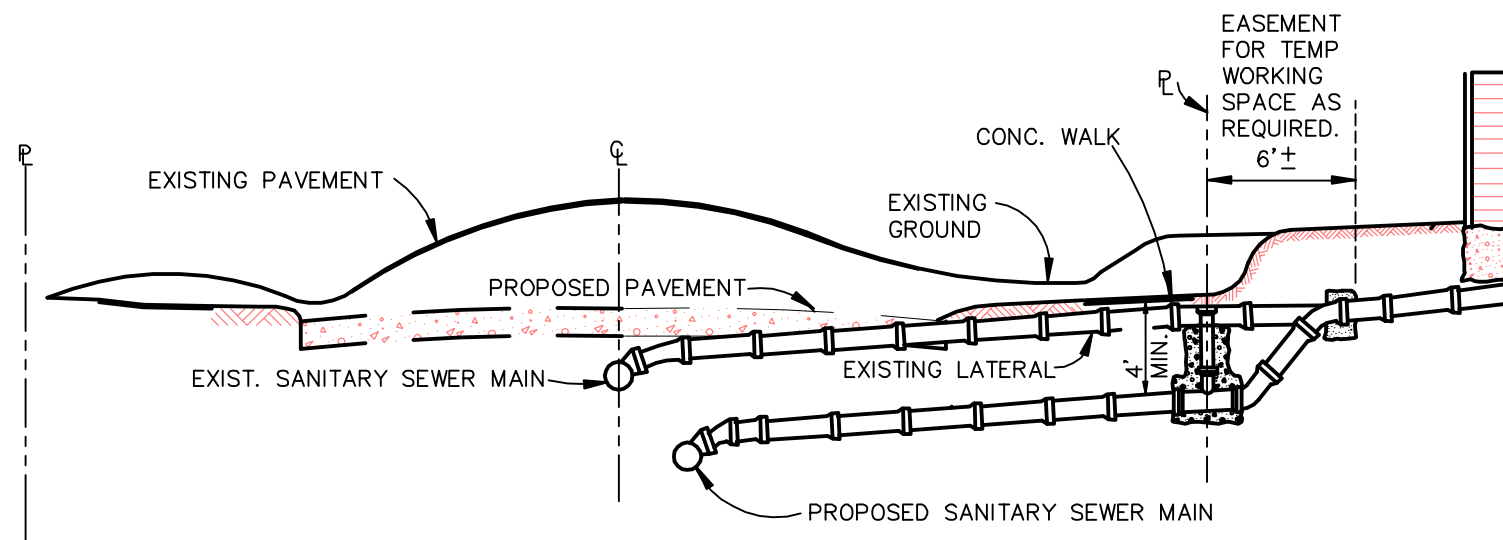
North Central Texas Council of Governments
NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

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					STANDARD CONSTRUCTION DETAILS	STD. SPEC. REFERENCE 501., 502., 702.
					SANITARY SEWER DEEP SERVICE CONNECTION	
	ADD RESIDENTIAL SERVICE DETAIL.		SWL		JUL. '06	
NO.	LOCAL EXCEPTION		BY		DATE	CITY OF COPPELL DALLAS COUNTY, TEXAS



NOTE:
SANITARY SEWER LATERALS AND C.O.'S
ARE TO BE CONSTRUCTED TO CLEAR
EXISTING AND PROPOSED FACILITIES, SUCH
AS STORM SEWER MAINS, PAVING, RETAINING
WALLS, OTHER UTILITIES, ETC. THE SANITARY SEWER
LATERAL SHALL HAVE A MIN. COVER
OF 4' BELOW THE PROPOSED CURB GRADE
AT THE PROPERTY LINE, OR AS REQUIRED
TO MAINTAIN A MINIMUM OF 2.00% GRADE, OR
AS DIRECTED BY THE CITY.

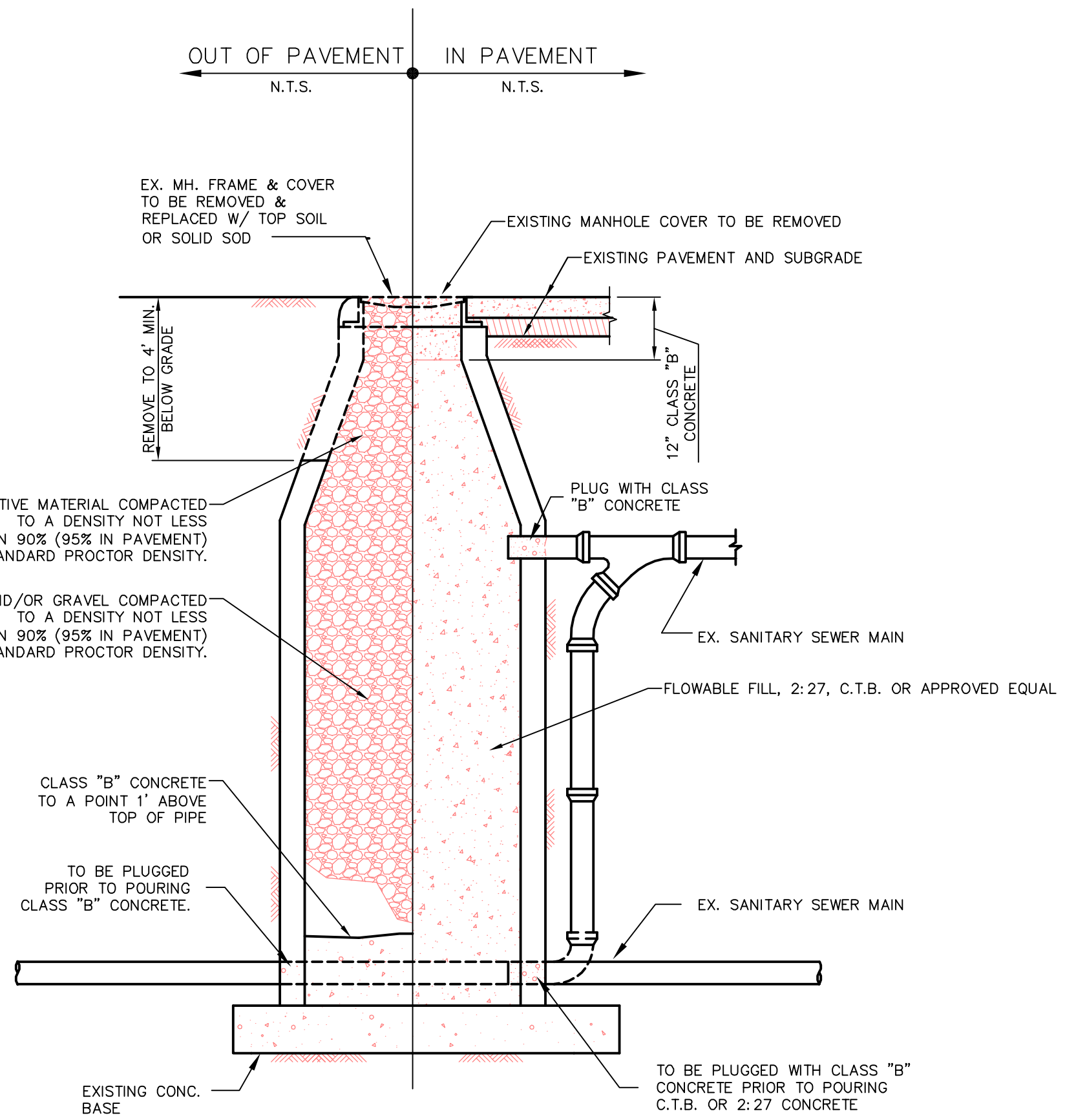


THE CITY OF
COPPELL
TEXAS 1890

STD. SPEC. REFERENCE	501., 502., 702.
STANDARD DETAIL	

5140

NO.	LOCAL EXCEPTION	BY	DATE




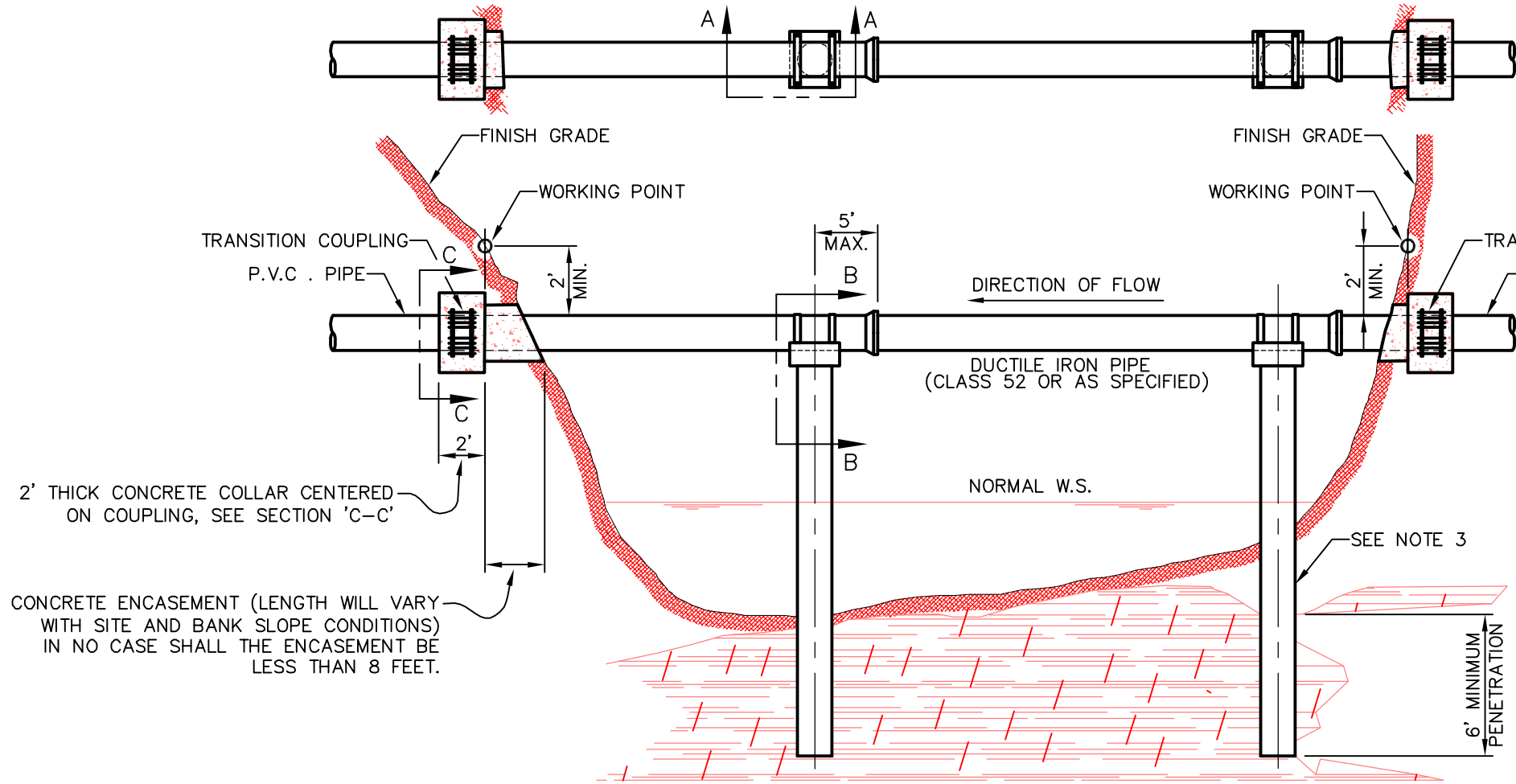
North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

PATH: S:\Standard_Details\New_Details\modified\SDCoppel2005.dwg

					STANDARD CONSTRUCTION DETAILS	STD. SPEC. REFERENCE 504., 702.
					SANITARY SEWER	
					MANHOLE ABANDONMENT IN AND OUT OF PAVING	STANDARD DETAIL
						5150
NO.	LOCAL EXCEPTION	BY	DATE		CITY OF COPPELL DALLAS COUNTY, TEXAS	



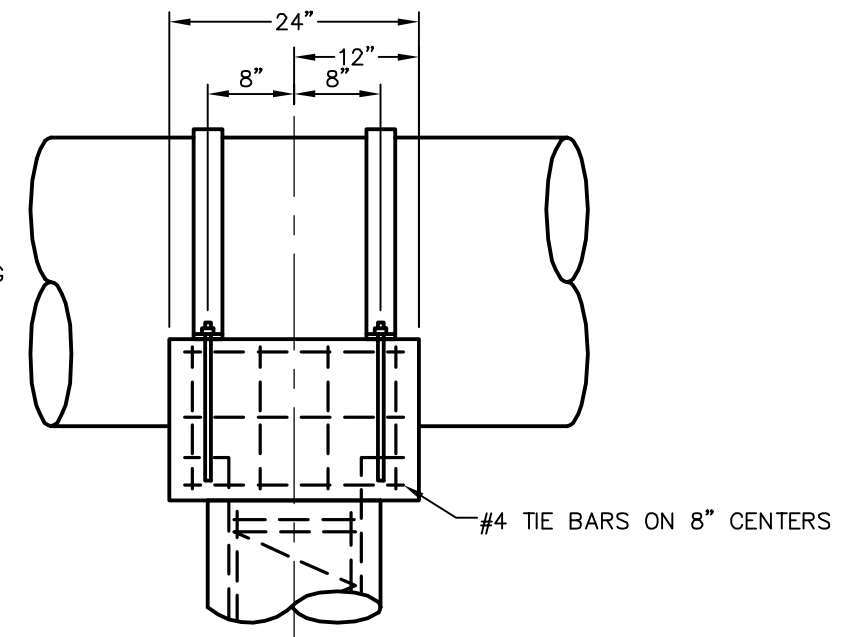
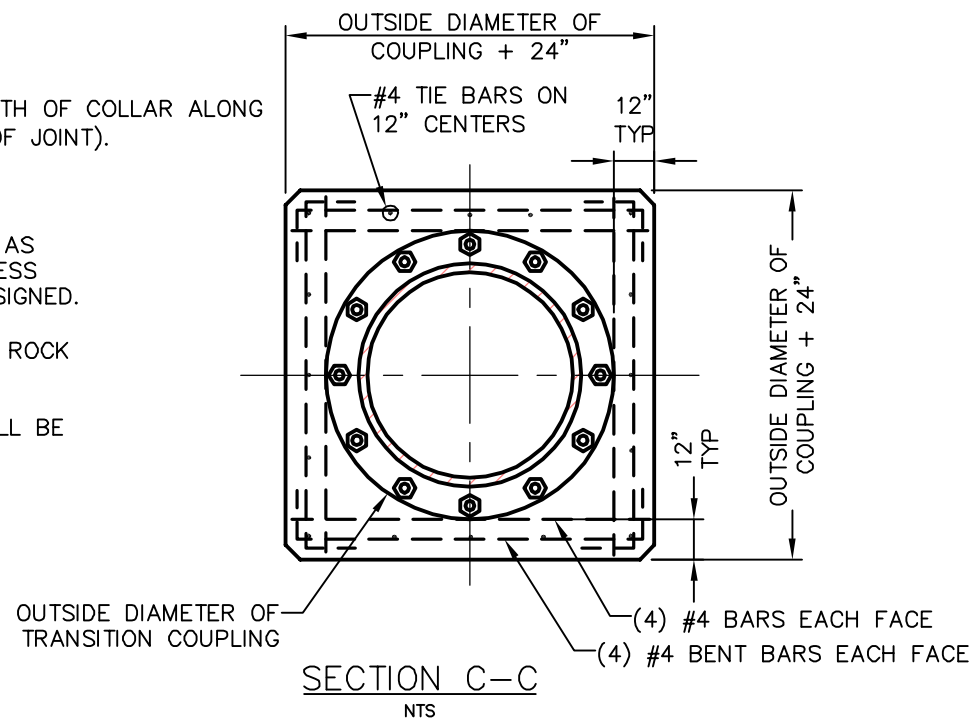
2' THICK CONCRETE COLLAR CENTERED ON COUPLING, SEE SECTION 'C-C'

CONCRETE ENCASEMENT (LENGTH WILL VARY WITH SITE AND BANK SLOPE CONDITIONS) IN NO CASE SHALL THE ENCASEMENT BE LESS THAN 8 FEET.

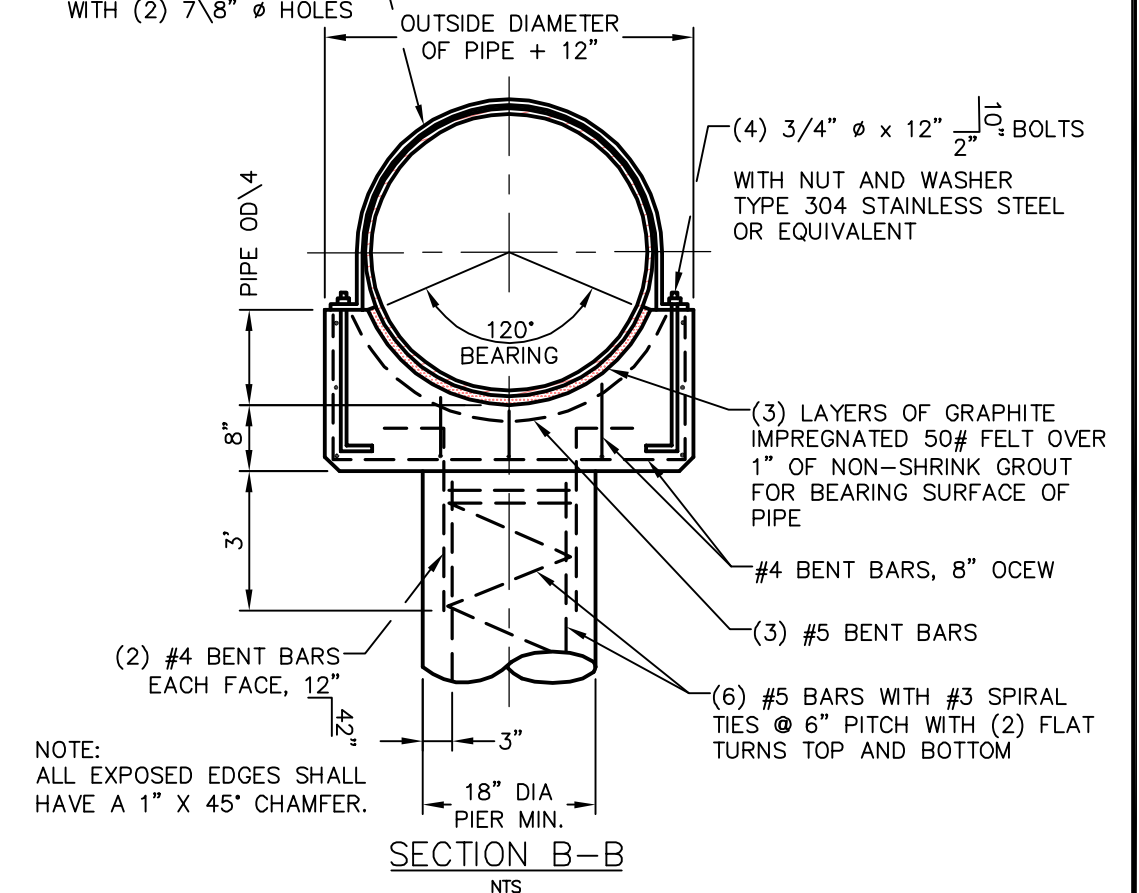
NOTE:
CONSTRUCT MINIMUM WIDTH OF COLLAR ALONG PIPE=2' (1' EACH SIDE OF JOINT).

NOTES:

1. DUCTILE IRON PIPE SHALL BE CLASS 52 MINIMUM, OR AS SPECIFIED BY THE CITY ENGINEER. PIPE WALL THICKNESS SHALL BE ADEQUATE FOR THE SIZE AND SPAN AS DESIGNED.
2. PIERS SHALL PENETRATE A MINIMUM OF 6' FEET INTO ROCK OR BLUE SHALE.
3. WHERE SOILS ARE NOT STABLE, A STEEL CASING SHALL BE USED ON THE DRILLED PIER SHAFT.
4. MATERIALS SHALL CONFORM TO THE STANDARD SPECIFICATIONS AND/OR LOCAL EXCEPTIONS.
5. NUMBER OF PIERS AND SPACING WILL VARY WITH LENGTH OF SPAN.



(2) 2-1/2" x 1/4" STRAPS
TYPE 304 STAINLESS STEEL
WITH (2) 7/8" Ø HOLES



NOTE:
ALL EXPOSED EDGES SHALL
HAVE A 1" X 45° CHAMFER.

North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

NO.	LOCAL EXCEPTION	BY	DATE



STANDARD CONSTRUCTION DETAILS

SANITARY SEWER
AERIAL CROSSING

CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC.
REFERENCE
303., 501., 702.
STANDARD DETAIL
5160




1. IDENTIFICATION LETTERS SHALL BE CHISELED OR CUT INTO THE FACE OF THE CONCRETE CURB AND IN LINE WITH MANHOLE OR CLEAN-OUT LOCATION. LETTERS SHALL BE 3" HIGH X 3" WIDE BY APPROXIMATELY 1/8" DEEP.
2. PAINTED RECTANGULAR FRAME SHALL EXTEND 1" BEYOND IDENTIFICATION LETTERS.


North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

					STANDARD CONSTRUCTION DETAILS	STD. SPEC. REFERENCE 804.
					M.H. & CLEANOUT LOCATION AND IDENTIFICATION	
					CURB LETTERING AND COLOR CODING	STANDARD DETAIL 5170
					CITY OF COPPELL DALLAS COUNTY, TEXAS	
NO.	LOCAL EXCEPTION	BY	DATE			


SANITARY SEWER
GENERAL NOTES AND TESTING

- 1. SANITARY SEWERLINE MINIMUM DIAMETER SHALL BE 8". SERVICE
LATERALS SHALL HAVE A MINIMUM DIAMETER OF 4".
- 2. SANITARY SEWERLINE INSTALLATIONS MAY BE SUBJECT TO INFILTRATION TESTING,
EXFILTRATION TESTING, MANDREL TESTING AND LOW PRESSURE AIR TESTING IN
ACCORDANCE WITH THE TEXAS ADMINISTRATIVE CODE RULE 317.2.
- 3. ALL SANITARY SEWERLINE INSTALLATIONS SHALL HAVE A TV EXAMINATION
PERFORMED. A COPY OF SAID EXAMINATION SHALL BE PROVIDED TO THE
CITY FOR REVIEW PRIOR TO ACCEPTANCE OF THE SANITARY SEWERLINE
BY THE CITY.
- 4. MANHOLES SHALL BE VACUUM TESTED IN ACCORDANCE WITH
NCTCOG CONSTRUCTION METHOD 502.1.5.2. 
- 5. SANITARY SEWERLINE INSTALLATIONS THAT CROSS OR CLOSELY PARALLEL A
WATERLINE SHALL BE DESIGNED IN ACCORDANCE WITH THE TEXAS ADMINISTRATIVE
CODE RULE 317.2.
- 6. SANITARY SEWERLINE EMBEDMENT SHALL BE IN ACCORDANCE WITH THE CITY OF
COPPELL STANDARD CONSTRUCTION DETAILS FOR SANITARY SEWERLINE EMBEDMENT.

North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD
DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

					STANDARD CONSTRUCTION DETAILS	STD. SPEC. REFERENCE
					SANITARY SEWER	502.
					GENERAL NOTES AND TESTING	STANDARD DETAIL
					CITY OF COPPELL DALLAS COUNTY, TEXAS	5180
	CHANGED CONSTRUCTION METHOD TO 502.1.5.2.	SWL	JUL. '06			
NO.	LOCAL EXCEPTION	BY	DATE			

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